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2186 11-14-01

Attorney Docket No.: 5543P005

UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

JJ GARCIA-LUNA-ACEVES, ET AL.

Application No.: 09/844,857

Filed: April 26, 2001

For: System and Method for Using
Uniform Resource Locations to Map
Application Layer Content Names to
Network Layer Anycast Addresses

Art Group: 2152

Examiner:

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INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56 and in accordance with 37 C.F.R. § 1.97, enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of the Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any additional fee due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal is enclosed for this purpose.

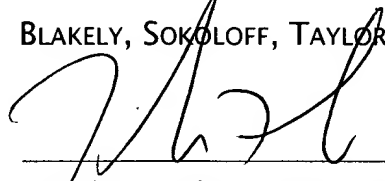
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Respectfully submitted,

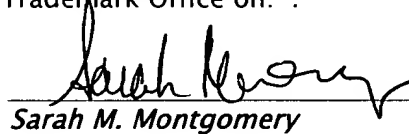
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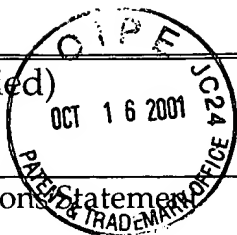


Sarah M. Montgomery

10-10-01

Date

Form PTO-1449 (Modified)		Atty Docket No.: 5543P005	Serial No.: 09/844,857
List of Patents and Publications (Use several sheets if necessary)		Applicants: J.J. Garcia-Luna-Aceves Filing Date: April 26, 2001	



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REFERENCE DESIGNATION				U.S. PATENT DOCUMENTS			
Exam. Initial		Date	Document Number	Name	Class	Sub-Class	Filing Date
		12/14/99	6,003,030	Kenner et al.			
		1/30/01	6,182,224	Phillips et al.			
		8/22/00	6,108,703	Leighton et al.			
		4/18/00	6,052,718	Gifford			

FOREIGN PATENT DOCUMENTS								
No.		Document No.	Date	Country	Name	Class	Sub-Class	Translation

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A. Chankunthod, P. Danzig, C. Neerdaels, M. Schwartz, and K. Worrell, "A Hierarchical Internet Object Cache," Proc. USENIX Technical Conference 96, San Diego, California, January 1996
	A. Duda and M.A. Sheldon, "Content Routing in Networks of WAIS Servers," Proc. IEEE 14th International Conference on Distributed Computing Systems, June 1994
	A. Duda and M.A. Sheldon, A. Duda, R. Weiss, J.W. O'Toole, Jr., and D.K. Gifford, "A Content Routing System for Distributed Information Servers," Proc. Fourth International Conference on Extending Database Technology, March 1994
	A. Heddaya and S. Mirad, "WebWave: Globally Load Balanced Fully Distributed Caching of Hot Published Documents," Technical Report BU-CS-96-024, Boston University, Computer Science Department, October 1996
	P. Rodriguez, E.W. Biersack, and K.W. Ross, "Improving The Latency in The Web: Caching or Multicast?," Proc. Third WWW caching workshop, Manchester, UK, June 1998
	D. Karger, E. Lehman, T. Leighton, M. Levine, D. Lewin, and R. Panigrahy, "Consistent Hashing and Random Trees: Distributed Caching Protocols for Relieving Hot Spots on the World Wide Web," Proc. 29th ACM Symposium on Theory of Computing (STOC 97), El Paso, Texas, 1997
	D. Karger, Sherman A. Berkheimer, B. Bogstad, R. Dhanidina, K. Iwamoto, B. Kim, L. Matkins, and Y. Yerushalmi, "Web Caching with Consistent Hashing," Proc. 8th International World Wide Web Conference, Toronto, Canada, May 1999
	D. Small and W.W. Chu, "A Distributed Data Base Architecture for Data Processing in a Dynamic Environment," Proc. COMPCON 79 Spring

Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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FOREIGN PATENT DOCUMENTS								
No.		Document No.	Date	Country	Name	Class	Sub-Class	Translation
OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)								
		D. Wessels and K. Claffy, "Internet Cache Protocol (ICP), Version 2, RFC 2186, September 1997						
		D. Wessels, " Squid Internet Object Cache," http://www.squid.org , August 1998						
		D.G. Thaler and C.V. Ravishankar, "Using Name Based Mappings To Increase Hit," IEEE/ACM Trans. Networking, 1998						
		G. Chiu, C.S. Rahgavendra, and S.M. Ng, " Resource Allocation with Load Balancing Consideration in Distributed Computing Systems, " Proc. IEEE INFOCOM 89, Ottawa, Ontario, Canada, April 1989, pp. 758-765						
		H.L. Morgan and K.D. Levin, "Optimal Program and Data Location in Computer Networks," Communications of the ACM, Vol. 20, No. 5, May 1977						
		J.D. Guyon and M.F. Schwartz, " Locating Nearby Copies of Replicated Internet Servers," Technical Report CU-CS-762-95, Department of Computer Science, University of Colorado- Boulder, February 1995						
		K.W. Ross, " Hash Routing for Collections of Shared Web Caches," IEEE Network, Vol. 1, No. 6, November 1997, pp. 37-44						
		L. Zhang, S. Michel, S. Floyd, and V. Jacobson, "Adaptive Web Caching: Towards a New Global Caching Architecture," Proc. Third International WWW Caching Workshop, Manchester, England, June 1998						
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		M.A. Sheldon, A. Duda, R. Weiss, J.W. O'Toole, Jr., and D.K. Gifford, "A Content Routing System for Distributed Information Servers," Proc. Fourth International Conference on Extending Database Technology, March 1994						

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OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	P. Rodriguez and E.W. Briesack, "Continuous Multicast Push of Web Documents over The Internet," IEEE Network Magazine, Vol. 12, No. 2, pp. 18-31, 1998
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	S. Mahmoud and J.S. Riordon, "Optimal Allocation of Resources in Distributed Information Networks," ACM Transactions on Data Base Systems, Vol. 1, No. 1, March, 1976
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	W.W. Chu, "Optimal File Allocation in a Multiple Computer System," IEEE Transactions on Computers, October 1969
	W.W. Chu, "Performance of File Directory Systems for Data Bases in Star and Distributed Networks," Proc. National Computer Conference, 1976, pp. 577-587
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	R. Tewari, "Architectures and Algorithms for Scalable Wide-area Information Systems," Ph.D. Dissertation, Chapter 5, Computer Science Department, University of Texas at Austin, August 1998
	http://www.nlar.net/Cache/ICP/draft-vinod-icp-traffic-dist-00.txt , September 10, 2001
	http://www.cache.ja.net/events/workshop/papers.html , October 3, 2001
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